## **Requirements**

If you haven't already, install [Node.js](https://nodejs.org/en/download/). This will make [node package manager (npm)](https://www.npmjs.com) available from within your command prompt. OrderCloud.io requires npm version 3 or higher. You can check your version of npm using the command npm --version.

Globally install the packages for [Bower](https://bower.io/) and [Gulp](http://gulpjs.com/) using npm in your command prompt npm install -g bower gulp.

## **Download the Seed**

Pull down OrderCloud.io's [Angular Seed](https://github.com/ordercloud-api/angular-seed) from GitHub.

Learning Git and GitHub is beyond the scope of this guide, but GitHub provides a wealth of [resources](https://help.github.com/articles/good-resources-for-learning-git-and-github/) to help you get up to speed.

## **Install Dependencies**

Open your copy of the seed and run npm install from within the project directory. This takes a few minutes because it installs both the node modules and bower dependencies, including OrderCloud.io's [Angular SDK](https://github.com/ordercloud-api/angular-sdk).

## **Configure the App**

Our SDK requires some minimal information to communicate with a specific Admin or Buyer organization. The file located at src/app/app.config.json is where you can configure this information:

{  
 "appname": "XXXX",  
 "scope": "FullAccess DevCenterImpersonate",  
 "clientid": "XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXX",  
 "buyerid": "XXXXX”,

“catalogid”: “XXXX”,  
 "environment": "prod",  
 "anonymous": false,  
 "base": {  
 "left":true,  
 "right":false,  
 "top":true,  
 "bottom":false  
 }  
}

|  |  |
| --- | --- |
| **Variable** | **Meaning** |
| appname | This is the app's name in the [DevCenter Dashboard](http://localhost:3000/docs/guides/getting-started/dashboard-and-api-console). This name is used to set cookies in the browser and also provides a quick way to identify your app from any other app you may own. You can name it whatever you want and change it at any time but be careful changing it after your app is in production as it could adversely impact your cookies. |
| scope | A space-delimited list of [roles](http://localhost:3000/docs/guides/authentication/security-profiles#Roles) that app users can request. If you want to limit roles on an app by app basis, here's the place to do it. However, more often than not, limiting roles to user groups by using Security Profiles is the best way to control access. |
| clientid | The Client ID of the application you created under an Organization in the Dev Center Dashboard. |
| buyerid | The ID of the buyer company that is being deployed. If you're deploying an Admin app, you can set it to the ID of any buyer in your Organization. |
| catalogid | The ID of the catalog you want to interact with. Your default catalogid, is the same your buyerid but you can create and use a different catalog as long as it is assigned to the buyer organization you are interacting with. |
| environment | This is referring to the version of the OrderCloud.io API that your app is pointing to. Generally this will be prod, other possible values are test and qa. |
| anonymous | Whether or not users will be accessing the application [anonymously](http://localhost:3000/docs/guides/authentication/anonymous-shopping). |
| base | This specifies navigation placement within the base components. left and right denote the location of the component menu. top and bottom denote the location of the navigation bar. |

## **Run the App**

To run the app use the command gulp build in the command line while in the project directory. Upon any changes to the files our intelligent build system will automatically rebuild and refresh the browser. You can also use the command gulp build -debug which will additionally run all unit tests each time the app opens. If at any point you want to stop the build you can do so by using the command CTRL + C and answering yes.

Congratulations! You're now ready to develop B2B eCommerce solutions.